



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Vijay Pillai et al.
Application No. : 10/779,320
Filed : February 12, 2004
For : FREQUENCY HOPPING METHOD FOR RFID TAG

Examiner : Vernal U. Brown
Art Unit : 2635
Docket No. : 480062.768
Date : February 1, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, and in response to the Office Action dated November 1, 2005, Applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement.

As requested, all of the references listed in the specification of the present application are cited herein, along with additional references. Applicants note that there are three patent applications listed in the specification. U.S. Application No. 09/394,241 issued on August 19, 2003, as U.S. Patent 6,608,551, and is cited thus herein as reference BY. U.S. Application No. 10/056,398 issued on November 2, 2004, as U.S. Patent 6,812,841, and is cited thus herein as reference CC. U.S. Provisional Application No. 60/459,414 is parent to U.S. Application No. 10/814,411, which was published September 30, 2004, as U.S. Patent Publication No. 2004/0189443, and is cited thus herein as reference CF. U.S. Provisional Application No. 60/459,414 is also parent to PCT/US04/10019, which was published October 21, 2004, as WO 2004/090783, and is cited thus herein as reference CL.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
for FY 2006**Complete if Known**

| | |
|----------------------|-------------------|
| Application Number | 10/779,320 |
| Filing Date | February 12, 2004 |
| First Named Inventor | Vijay Pillai |
| Examiner Name | Vernal U. Brown |
| Art Unit | 2635 |
| Attorney Docket No. | 480062.768 |

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **680****METHOD OF PAYMENT (check all that apply)**

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 19-1090 Deposit Account Name: Seed IP Law Group PLLC
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**
- ☐ Charge any additional fee(s) or underpayments ☒ Charge any underpayments or credit any overpayments of fee(s) under 37 CFR 1.16 and 1.17

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims |
|--------------|----------------------|-------------|---------------|---------------------------|
| <u>22</u> | -20 or HP = <u>2</u> | X <u>50</u> | = <u>100</u> | Fee (\$) |

HP = highest number of total claims paid for, if greater than 20

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|---------------------|--------------|---------------|
| <u>5</u> | -3 or HP = <u>2</u> | X <u>200</u> | = <u>400</u> |

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

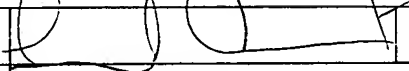
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)) the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| _____ | -100 = _____ | /50 = _____ (round up to a whole number) | x _____ | _____ |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Fee for Information Disclosure Statement**180****SUBMITTED BY**

| | | | | | |
|-------------------|---|-----------------------------------|--------|------------------|--------------|
| Signature |  | Registration No. (Attorney/Agent) | 38,066 | Telephone | 206-622-4900 |
| Name (Print/Type) | Frank Abramonte | | Date | February 1, 2006 | |

Further, two references were made of record by the Examiner but not listed on the PTO-892 attached to the above-identified Office Action. Said references are cited herein as references AE and BX.

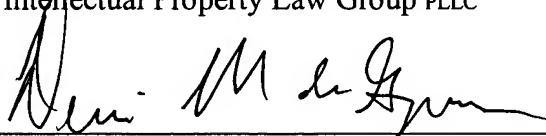
Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, Applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with Applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, Applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 CFR 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



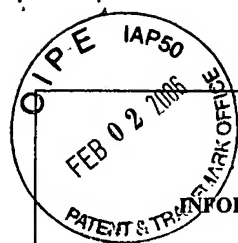
Dennis M. de Guzman
Registration No. 41,702

Enclosures:

Postcard
Check
Information Disclosure Statement
Cited References (3)

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(FXA:lrw) 734873_1

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

480062.768

APPLICATION NO.

10/779,320

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Vijay Pillai et al.

FILING DATE

February 12, 2004

GROUP ART UNIT

2635

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|--------------------|-------|----------|-------------------------------|
| | AA | 3,098,971 | 07/23/63 | R. M. Richardson | 325 | 9 | |
| | AB | 3,774,205 | 11/20/73 | Smith et al. | 343 | 6.5 SS | |
| | AC | 4,075,632 | 02/21/78 | Baldwin et al. | 343 | 6.8 R | |
| | AD | 5,214,410 | 05/25/93 | Verster | 340 | 572 | |
| | AE | 5,446,447 | 08/29/95 | Carney et al. | 340 | 572 | |
| | AF | 5,485,520 | 01/16/96 | Chaum et al. | 380 | 24 | |
| | AG | 5,828,693 | 10/27/98 | Mays et al. | 375 | 202 | |
| | AH | 5,850,181 | 12/15/98 | Heinrich et al. | 340 | 572 | |
| | AI | 5,939,984 | 08/17/99 | Brady et al. | 340 | 572.1 | |
| | AJ | 6,005,530 | 12/21/99 | Jovanovich et al. | 343 | 827 | |
| | AK | 6,100,804 | 08/08/00 | Brady et al. | 340 | 572.7 | |
| | AL | 6,104,291 | 08/15/00 | Beauvillier et al. | 340 | 572.1 | |
| | AM | 6,109,526 | 08/29/00 | Ohanian et al. | 235 | 462.45 | |
| | AN | 6,118,379 | 09/12/00 | Kodukula et al. | 340 | 572.8 | |
| | AO | 6,121,880 | 09/19/00 | Scott et al. | 340 | 572.5 | |
| | AP | 6,122,329 | 09/19/00 | Zai et al. | 375 | 329 | |
| | AQ | 6,130,612 | 10/10/00 | Castellano et al. | 340 | 572.6 | |
| | AR | 6,140,146 | 10/31/00 | Brady et al. | 438 | 62 | |
| | AS | 6,147,606 | 11/14/00 | Duan | 340 | 572.7 | |
| | AT | 6,166,638 | 12/26/00 | Brady et al. | 340 | 572.7 | |
| | AU | 6,172,596 | 01/09/01 | Cesar et al. | 340 | 10.41 | |
| | AV | 6,177,872 | 01/23/01 | Kodukula et al. | 340 | 572.7 | |
| | AW | 6,201,474 | 03/13/01 | Brady et al. | 340 | 572.8 | |

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| | | |
|--|-----------------------------------|-------------------------------|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. 480062.768 | APPLICATION NO. 10/779,320 |
| | APPLICANTS Vijay Pillai et al. | |
| | FILING DATE February 12, 2004 | GROUP ART UNIT 2635 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|--------------------------------|-------|----------|-------------------------------|
| | AX | 6,215,402 | 04/10/01 | Rao Kodukula et al. | 340 | 572.8 | |
| | AY | 6,236,223 | 05/22/01 | Brady et al. | 324 | 765 | |
| | AZ | 6,249,227 | 06/19/01 | Brady et al. | 340 | 572.1 | |
| | BA | 6,259,408 | 07/10/01 | Brady et al. | 343 | 700 MS | |
| | BB | 6,275,157 | 08/14/01 | Mays et al. | 340 | 572.5 | |
| | BC | 6,278,413 | 08/21/01 | Hugh et al. | 343 | 818 | |
| | BD | 6,281,794 | 08/28/01 | Duan et al. | 340 | 572.1 | |
| | BE | 6,285,342 | 09/04/01 | Brady et al. | 343 | 895 | |
| | BF | 6,286,762 | 09/11/01 | Reynolds et al. | 235 | 472.01 | |
| | BG | 6,286,763 | 09/11/01 | Reynolds et al. | 235 | 472.01 | |
| | BH | 6,288,629 | 09/11/01 | Cofino et al. | 340 | 10.1 | |
| | BI | 6,294,996 | | (withdrawn, no data available) | | | |
| | BJ | 6,294,997 | 09/25/01 | Paratore et al. | 340 | 572.1 | |
| | BK | 6,318,636 | 11/20/01 | Reynolds et al. | 235 | 472.01 | |
| | BL | 6,320,509 | 11/20/01 | Brady et al. | 340 | 572.7 | |
| | BM | 6,320,896 | 11/20/01 | Jovanovich et al. | 375 | 130 | |
| | BN | 6,327,312 | 12/04/01 | Jovanovich et al. | 375 | 316 | |
| | BO | 6,366,260 | 04/02/02 | Carrender | 343 | 866 | |
| | BP | 6,422,476 | 07/23/02 | Ackley | 235 | 494 | |
| | BQ | 6,441,740 | 08/27/02 | Brady et al. | 340 | 572.7 | |
| | BR | 6,486,769 | 11/26/02 | McLean | 340 | 10.32 | |
| | BS | 6,501,807 | 12/31/02 | Chieu et al. | 375 | 329 | |
| | BT | 6,518,885 | 02/11/03 | Brady et al. | 340 | 572.7 | |
| | BU | 6,535,175 | 03/18/03 | Brady et al. | 343 | 795 | |

EXAMINER

DATE CONSIDERED

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| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
| | BV | 6,566,850 | 05/20/03 | Heinrich | 323 | 313 | |
| | BW | 6,593,845 | 07/15/03 | Friedman et al. | 340 | 10.33 | |
| | BX | 6,600,418 | 07/29/03 | Francis et al. | 340 | 572.1 | |
| | BY | 6,608,551 | 08/19/03 | Anderson et al. | 340 | 10.51 | |
| | BZ | 6,639,509 | 10/28/03 | Martinez | 340 | 10.4 | |
| | CA | 6,677,852 | 01/13/04 | Landt | 340 | 10.1 | |
| | CB | 6,784,789 | 08/31/04 | Eroglu et al. | 340 | 10.6 | |
| | CC | 6,812,841 | 11/02/04 | Heinrich et al. | 340 | 572.1 | |
| | CD | 20020046173 | 04/18/02 | Kelly | 705 | 50 | |
| | CE | 20030183697 | 10/02/03 | Porter | 235 | 492 | |
| | CF | 20040189443 | 09/30/04 | Eastburn | 340 | 10.1 | |
| | CG | 20050258252 | 11/24/05 | Winter et al. | 235 | 472.02 | |
| | CH | 20050274801 | 12/15/05 | Harding et al. | 235 | 438 | |
| | CI | 20060000915 | 01/05/06 | Kodukula et al. | 235 | 492 | |
| | CJ | 11/261,945 | | Vijay Pillai | | | 10/28/05 |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|-----------------|----------|---------|-------------|----|
| | | | | | YES | NO |
| | CK | 0 598 624 | 05/25/94 | EP | | |
| | CL | WO 2004/090783 | 10/21/04 | WIPO | | |
| | CM | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | CN | |
| | CO | |

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